

SEQUENCE LISTING

(1) GENERAL INFORMATION:

(i) APPLICANT: Mundy, Gregory R.
Gallwitz, Wolfgang E.

(ii) TITLE OF INVENTION: SCREENING ASSAY FOR THE IDENTIFICATION OF AGENTS
WHICH INHIBIT CANCER METASTASIS TO BONE

(iii) NUMBER OF SEQUENCES: 1

(iv) CORRESPONDENCE ADDRESS:

(A) ADDRESSEE: Arnold, White & Durkee
(B) STREET: P.O. Box 4433
(C) CITY: Houston
(D) STATE: Texas
(E) COUNTRY: USA
(F) ZIP: 77210

(v) COMPUTER READABLE FORM:

(A) MEDIUM TYPE: Floppy disk
(B) COMPUTER: IBM PC compatible
(C) OPERATING SYSTEM: PC-DOS/MS-DOS
(D) SOFTWARE: PatentIn Release #1.0, Version #1.30

(vi) CURRENT APPLICATION DATA:

(A) APPLICATION NUMBER: US Unknown
(B) FILING DATE: Concurrently Herewith
(C) CLASSIFICATION: Unknown

(viii) ATTORNEY/AGENT INFORMATION:

(A) NAME: Highlander, Steven L.
(B) REGISTRATION NUMBER: 37,642
(C) REFERENCE/DOCKET NUMBER: OSTs:002PZ1

(ix) TELECOMMUNICATION INFORMATION:

(A) TELEPHONE: 512/418-3000
(B) TELEFAX: 512/474-7577

(2) INFORMATION FOR SEQ ID NO:1:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 4348 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:

AGGATCCCAT CAGCTTGATG CATATCTATA CACTCCTCCC TGAGGCAGTT CCTCCAGAGG

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	TTAGCAGCCC GCCCTGTTCC TGGAGAAGTC TTATCCTCAC CTAAC TACAA AAAGCATTTA	120
	ATAAAGAAAC ACACCCCTTC CTATTGTTAC TTGGGGTTTG AAGGCATTAC ATCTTTTTTT	180
5	CTTTTTTGCT ACCTTGAGGT CAGCTGGCAA CAGCCTCCTC TCAAGTCTCA GTCCAGGCCA	240
	GCGATGAGAG CCACATTCTA ATGGAATCCA ATGAGAGCAT TACTTGAGCT GATTATGCAA	300
10	CGTCTCTTTG TAAACATTGA AAAAAGTTTG GAGAAGAGAT GGGATGAGTT TAGTTGTTTG	360
	GTTCCAGGGG ATTTTAGAGA CATACGTTGC AGCTACAGAT TGGTAAATGT GAAATCTGGA	420
	TGCTTATTGG TAATAAGAGA ATTCCAAGC CCAGGTGCAC TGTTTAAAGT GCTATAGATT	480
15	CATATTTGGT TTATAATGTA TATCTGTTTG CTGTTTGGGT TAAGGAGGAA AGAAGAAAGA	540
	AGGATGAAGA GGCTAAGCAT AAATGCTATT TACTTTTTTC TAAGCTATGA CAGGAGATAT	600
20	ACATTAAC TG TATTCAAC TGAATTTAAG AGTAATGCAT TTAAAATTTT TTCAACCTCT	660
	ATTAAAATTT GATATACTGT AATAAACTGC CACTGGGGAT GGGAAGATGG AAGCCTGGTG	720
	CTCATGGGCT AGGCATTGT GTAGGTGTAG ATCTTATAAT GCTAAACATG GAAATACTTC	780
25	AGATTAGAGG CAGGCCTCCC ATTTGCTAAG GTGCATTAC ATGACAGCAA GGCCTAAGCA	840
	AACATTTAGC TTCTATTGGC ACTTGTTCTA TTTCTAAACC TTAGAAAAAA GGTGTGTGTG	900
30	TGGGCTGGGG GGACGGGGGG GGGAGGGAGG TGGTAGGGGG TGCTCTTGCT GTGTCTCATT	960
	TGCAGTCATG CATCCTCTGC ATTATTATGA TGGAGATTAC TCAGTTATGT TAGGAACTAG	1020
	ATTATGATGT CAGAAAATAT CCTTTCCAAA ACAGGCCAAA AGTCAGGGTC CTGGGTATAT	1080
35	ATTGAGGAGA ATTTCTACGG AAAGTAATAA ACAGGGCAGC TTGGAAGAGG TACCTGCTTT	1140
	CTAATAATTG CCTTTAGTGG GAACAGAAGT CTCCTTTCAA GAAGCTTTTA ATTCATTTTA	1200
40	AGATTTATTT TTATGTTTTT TGAAGAACAA CAAAAATAT TTCTGGAAAA GACTGCTGAG	1260
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	AGTAATAAAT TAGGAGGGAA CTTTGGTATT CCGAGTATAT AAAGACTATT TATTTTTCT	1380
45	GTGTCTATAT TTTCTCTTTT TGTGGAGGAG AGGAAATCTT AAAAATATTT GATAGATGTT	1440
	TTGCCATTAA CACCAGAAAA GTGTGTGGGG AAAAAGAAAG GAGGGAAGGA GTGGGGGGTT	1500
50	AATTTGTTT AATTAGTAGA AAAAGCAACA TAAATCAAAG CAGTCTATTG ATGCCAGTCC	1560
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	TTCAATTTGA TTTTGTGTTT AACCTTCTAT TGGGAGAAGG GTTGAATTTT TAAAGCCTGG	1680

	ATAGTTTGAA ACTTGGCTAG GTACCTTGGA CTTTTTATTG TGGAAGCAAA TATTATCATT	1740
	TCAATGTAA ACAACTTGCA AGTATTAAAT GGCTCATTTG TGATTGACTT TTTTTTTTTT	1800
5	TTTTTTTTTT TTTTACAGAT TTCCCCCTTC AGATCTAAG ATTACATTAG GGCTCCTGCA	1860
	TCTTTTTTGA AGGATTCTTT TTATAAATCA GAAAGTGTTG GAGGTTCAAA GGTTGACATT	1920
10	TCTGAGTGCT GATACTTTGT CCTTTCATAC TATCCAAACA AGTCTAACAT TTAGAAATCC	1980
	TTACACATTC AAGGGAAGTT GTGGAAATTC CCAGAGAGAG AGTGTGTGTG TGTGCGTGTG	2040
	TGTGTTTTGG TTTTGTGTTG CTTTTTTTCT TTGTTAGTGA GAAGAAGCCG AGTCTTTTAA	2100
15	GGTACGGGGT TTACAGTAAT GAACTGAGGA AGGCAGGAGG CTTCTAAGAA AATATGCCCC	2160
	CCCACCCAAC CTAAGCAGTA AACTTTAACT GCTAGCTAGC TGCAGTGAAC CAGTGGGAGC	2220
	CCCGATGAGC GAGGGTCTCG GTGACAGCGT GCTATTCTC CCACCTGGG TAAAATATGT	2280
20	GGAGCATCAC CCGGAAAGTC GGGCTTGATA AAGGCCACAT TCCTTGAATC ATCTCAAGAA	2340
	TCTAAATCAC ACTAGCCTTC TAGAACTAA TGAACCCTAC CAGCAGGATT GCCTAGAAGA	2400
25	CAAAATATCC TTGAATGGTT CCCAGTCCAC TCGCGCTCTT TTCAAAAAGT TAGAGGAGCC	2460
	CTGGGGAGGG TATCCACTCC CGCTGCAATC CTTTCCTAGA TGATACTACC CAGTAATTCC	2520
30	GAGCAGTCTT TCTTCCCCGC CCATTAGCTT TGGAAGAAGC CTCGGCTTTC CCGTCGCTTC	2580
	TCCCAGGCAG AGCAGCACAT AACCATAGTT CCACTGCATC TGTCCGCTGG CTGCAGCGAC	2640
	TCGGATACAG TCTTCCAAGA ATCTGTAACC TGGGACTTTT GAGGGGGAGG GGACAAGCAG	2700
35	GTAGGGTATC AGAGAAAGGA TGGGTTAGAC TCCCGACCAT GAGTGAAAAG GGCCGTGTGC	2760
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40	GTTTTTTGGG ACCGGCTCCA GATGTCTCCC AGCAGTTCTG AAACAGCAAA AAGTGCAATT	2880
	TAGATATGAA ATCTGGAAT GTTTTTGTTC TTCTAAGCAA AAGATCTCCC TCTCTCTAGC	2940
	CGATGCTCCC CACTCAGTTC ATCCCGGGAA TGGGCCAGGG AGGAAGGTTT TCATGCATCG	3000
45	CCCCGAGCTG CCAGGCGAGC TTCGGGCTCC TTAAATTCAC AGGCCAACAG CCCGCGTCTT	3060
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	CGGTCCGCCC CTGGTGGTCT TGGCGCCCGC TCGTCCAGCT CGGCGCGCCG GGGACGCCC	3180
50	GCTGCCCCGG GCAGTCCGCA CGCCCTCGGG GATCTCGGCT CCCGGATCCG CCGCGCCGGC	3240
	AGGAGCCGGC CGGGCCTGGA GGGAGCAAGC GGATGCGCCC ACGCCCCCGG CACGGGGATG	3300

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5	TCCACTCGCT CGGGCGGCGC GGGGCCCGTT CGGGCCGCCC GTCGCCGCCC CCGCCCCCG	3480
	CGCGCCCGCC CGCCAGCCCG CCTGCGCCCT CGCTCGCCCC GCGCGCGTTC CTAGGGCGCC	3540
10	ACCTCTTTGC GACTAGCTCA CTTCTCCGGC AGGTTTGCCT CGGAGCGTGT GAACATTCTT	3600
	CCGCTCGGTT TTCAACTCGC CTCCAACCTG CGCCGCCCGG CCAGCATGTC TCCCCGCCCG	3660
	TGAAGCGGGC TGCCGCCTCC CTGCCGCTCC GGCTGCCACT AACGACCCGC CCTCGCCGCC	3720
15	ACCTGGCCCT CCTGATCGAC GACACACGA CTTGAAACTT GTTCTCAGGG TGTGTGGAAT	3780
	CAACTTTCCG GAAGCAACCA GCCCACCAGA GGAGGTAGAC AGACAGCTAT GTATATATAT	3840
	GTGGGTTTCG CTACAAGTGG CTCTGGAACG AAAGGGCCTG GTTCGCAAAG AAGCTGACTT	3900
20	CAGAGGGGGA AACTTTCTTC TTTTAGGAGG CGGTTAGCCC TGTTCACGA ACCCAGGAGA	3960
	ACTGCTGGCC AGATTAATTA GACATTGCTA TGGGAGACGT GTAAACACAC TACTTATCAT	4020
25	TGATGCATAT ATAAAACCAT TTTATTTTCG CTATTATTTC AGAGGAAGCG CCTCTGATTT	4080
	GTTTCTTTTT TCCCTTTTTG CTCTTTCTGG CTGTGTGGTT TGGAGAAAGC ACAGTTGGAG	4140
	TAGCCGTTG CTAAATAAGT AAGTGCTGAG AGGCTCCAGA GAAATTTTTT TTCTTTTCAA	4200
30	CTTGGGAGAT GCCCTTGATG TTGAAGAGGC TTTTGTAGAG CGGGCTAAAA AGGGGGAGCG	4260
	GAGTAGTGCG GGGAGATGGA GAGTCCTGAC TGACACCTCG GGTCCCATTC CCTTCTGTTG	4320
35	CAGGTCCCGA GCGCGAGCGG AGACGATG	4348